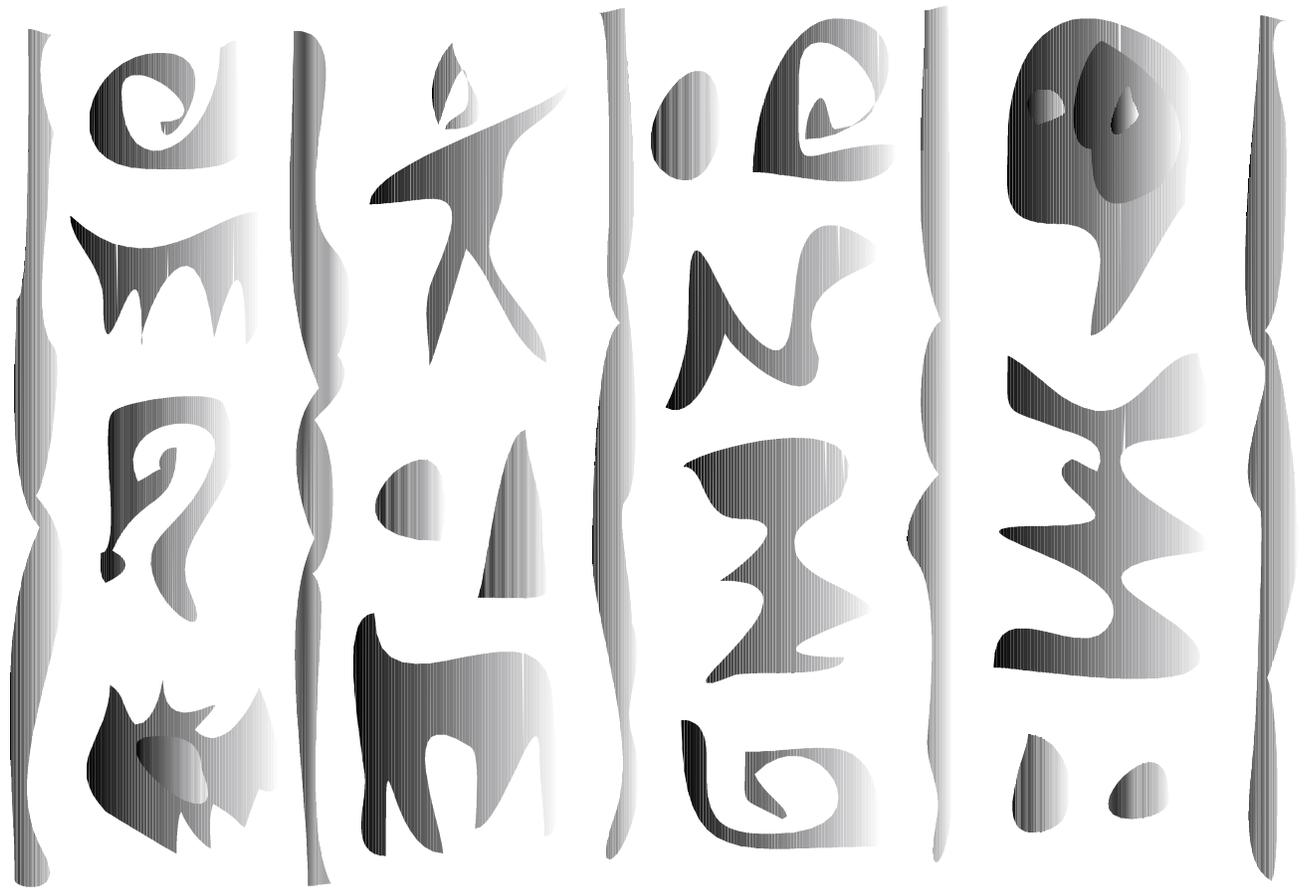


Utah/Summit/Wasatch Utah Job Outlook



Utah, Summit, and Wasatch Counties



Utah Department of Workforce Services
May 2000

training levels

Training levels represent how *most* workers became proficient in their occupations.

Bachelor's Degree or Higher—This classification includes four training groups: professional degrees (like law or medicine), doctoral degrees, master's degrees, bachelor's degrees, and work experience in an occupation requiring a bachelor's or higher degree (like managers).

Associate's Degree or Applied Technology Training—Associate's Degrees usually require at least two years of full-time academic work after high school. Most occupations in this category are health-related. Applied technology occupations generally require completion of applied technology training programs or courses that do not result in a degree. Program lengths vary and often lead to certification or a diploma. Some occupations require licensure.

Work Experience in a Related Occupation—These occupations require skills and experience gained in another occupation. Or, skills may be developed from hobbies or military service.

Long-Term On-the-Job Training—These are occupations which generally require more than 12 months of on-the-job training or combined work experience *and* formal classroom instruction before workers develop skills needed for average job performance.

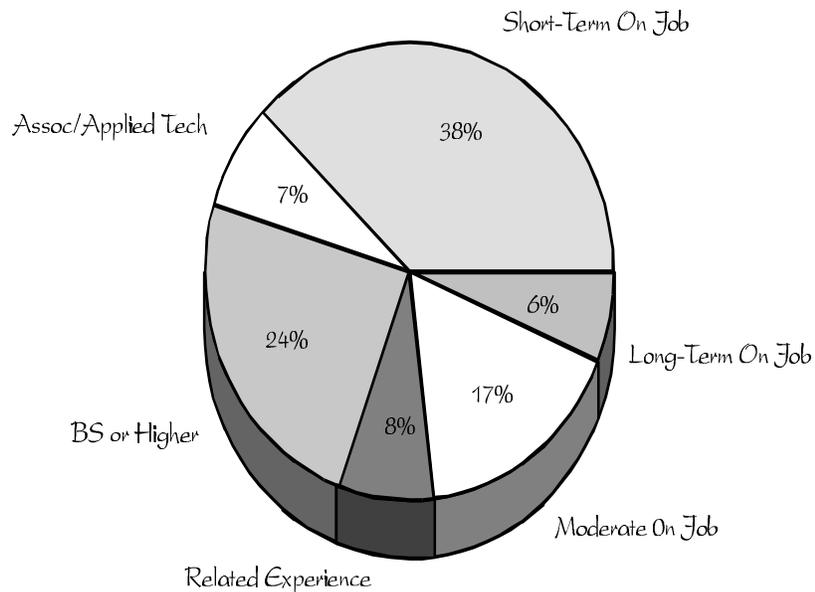
Moderate-Term On-the-Job Training—Workers in this category usually achieve average job performance after one to 12 months of combined on-the-job experience and informal training (which can include watching experienced workers). Trainees are given progressively more difficult assignments as they demonstrate their mastery of lower-level skills.

Short-Term On-the-Job Training—In this group, workers typically achieve average job performance in just a few days or weeks by working with, observing, and asking questions of experienced employees.



training does count!

Utah/Summit/Wasatch New Jobs by Training Level—2000-2005



a word about wages. . .

On average, workers in the Mountainland Region can expect to earn lower wages than statewide pay.

The wage rates in this publication show the average wage rate for experienced workers.

These are average wages. . . they represent workers with 30 years of experience as well as those with three years of experience.

Workers entering the occupation for the first time

can expect to earn noticeably lower wages than those listed here.

Local wages are used whenever possible. In this case, wages are for Utah County—unless denoted by (*). Figures marked with a (*) are Utah wages.

Wages were collected by the Utah Department of Workforce Services between October 1998 and July 1999.

For more information on occupational wages visit our web site: wi.dws.state.ut.us



question: *Should I pay the most attention to occupations with the most new openings or those that are fastest growing?*

answer: Job growth can be measured by percent change and numerical change. The fastest growing occupations do not necessarily provide the largest number of jobs. A larger occupation with slower growth may produce more openings than a smaller occupation with faster growth.

For example, the rate of growth for paralegals is twice that of nurses. But, there are 10 times as many nursing openings as paralegal openings. Generally, it's best to **concentrate on occupations with the most openings**. However, often when occupations are growing rapidly there may be short-term shortages of workers. BUT, further research would be necessary! Don't just think that a rapidly growing occupation is a sure road to job-seeking success.

Fastest-Growing
or
Most
Openings?

Don't be fooled!
Fast-growing occupations might create only a few jobs.

Utah/Summit/Wasatch

Employment Projections by Training Level 2000 - 2005

Bachelor's Degree or Higher

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Accountants & Auditors	40	\$17.60	Managers, Engineering, Nat Sci, Info Sys	30	\$35.20
Artists & Commercial Artists	40	\$16.00 *	Managers, Financial	30	\$27.00
Computer Programers	70	\$23.70	Managers, General & Top Execs	100	\$29.00
Computer Systems Analysts	40	\$21.40	Psychologists	30	\$21.80 *
Designers, Excl Interior	40	\$10.30	Teachers, Elementary School	60	\$15.90 *
Education Administrators	30	\$25.20	Teachers, Secondary School	130	\$16.70
Engineers, Computer	140	\$26.60	Teachers, Special Education	30	\$15.70
Engineers, Electrical & Electronic	30	\$28.40	Writers & Editors	50	\$16.30 *
English Lng/Lit Teachrs, Postsecondary	30	\$23.00 *			

Associate Degree/Applied Tech

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Automotive Mechanics/Service Techs	60	\$15.30	Nurses, Registered	80	\$18.80
Computer Support Specialists	110	\$14.90	Occupational Therapy Assistants/Aides	20	\$23.90 *
Cosmetologists & Hairstylts	80	\$8.20	Physical Therapy Assistants/Aides	20	\$7.80
Emergency Medical Techns/Paramedics	20	\$8.19	Sales Agents, Real Estate	30	\$16.60
Licensed Practical/Voc Nurses	30	\$11.70			

Experience in a Related Occupation

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Brokers, Real Estate	20	\$24.71	Instructors, Adult (Non-VocEd)	20	\$11.20
Custom Tailors & Sewers	20	\$7.35	Managers, Lawn Service	20	\$15.50
First Line Supervisors, Construction	50	\$17.30	Mangers, Food Service & Lodging	90	\$11.80
First Line Supervisors, Marketing/Sales	150	\$15.50	Police Detectives	20	\$16.45
First Line Supervisors, Office/Admin Support	60	\$15.00 *	Teachers/ Instructors, VocED/Training	20	NA
First Line Supervisors, Production	40	\$15.50			

Unless noted with (*), wages are for Utah County
* Statewide wages.

Long-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Actors/Directors/Producers	20	\$15.30	Electricians	10	\$14.80
Automotive Body & Related Repairers	10	\$13.30 *	Industrial Machinery Mechanics	10	\$14.40
Brickmasons/Blockmasons	10	\$18.50	Machinists	10	\$14.00
Carpenters	60	\$12.70	Maintenance Repairers, Gen Util	50	\$10.30
Cooks, Institution/Cafeteria	10	\$8.00	Police Patrol Officers	50	\$14.90
Cooks, Restaurant	60	\$8.60	Welders & Cutters	30	\$13.10 *
Diesel Engine Mechanics	20	\$14.50 *			

Moderate-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Accounting & Bookkeeping Clerks	40	\$10.00	Pharmacy Technicians	20	\$10.60 *
Bakers, Bread & Pastry	20	\$8.90	Printing Press Machine Operators	20	\$12.10
Bus Drivers, Transit/Intercity	20	\$9.45	Sales Agents, Advertising	20	\$15.70 *
Carpet Installers	30	\$13.50	Sales Agents, Business Services	50	\$16.10
Dental Assistants	20	\$8.70	Sales Reps, Non-Technical	50	\$19.20
Instructors/Coaches, Sports/Phy	40	\$11.40	Sales Reps, Technical	50	\$20.20
Laundry/Drycleaning Machine Operators	20	\$8.20 *	Secretaries, Ex Legal or Medical	60	\$9.80
Medical Assistants	30	\$9.40 *	Social/Human Service Assistants	40	NA
Packaging/Filling Machine Operators	60	\$8.20	Telemarketers & Sales Workers	460	\$7.90
Painters & Paperhangers	30	\$13.40			

Short-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Animal Caretakers, Excl Farm	20	\$8.80 *	Laborers, Landscape & Groundskeeping	160	\$8.20 *
Bank Tellers	20	\$8.00	Machine Feeders & Offbearers	20	\$8.10
Bus Drivers, School	40	\$11.00 *	Maids & Housekeeping Cleaners	50	\$6.80
Cashiers	310	\$7.10	Mail Clerks, Excl Mail Machine	20	\$8.20 *
Child Care Workers	30	\$6.70 *	Nursing Aides & Orderlies	30	\$7.70 *
Cooks, Fast Food	40	\$6.40	Office Clerks, General	120	NA
Counter & Rental Clerks	70	\$7.10	Order Clerks	30	\$8.50
Counter Attendants, Lunchroom or Cafeteria	90	\$6.60 *	Postal Mail Carriers	20	\$16.00 *
Dining Room, Cafeteria Attendants	20	\$6.70 *	Psychiatric Aides	20	\$8.90
Fast Food Workers	100	\$6.30	Reception & Information Clerks	70	\$8.00
Food Preparation Workers	130	\$7.00	Sales Clerks, Retail	350	\$8.60
Guards	20	\$8.10	Shipping & Receiving Clerks	30	\$10.10
Hand Packers & Packagers	40	\$6.50	Stock Clerks, Sales Floor	20	\$7.90
Helpers, Carpenters	20	\$8.80 *	Stock Clerks, Stockroom, Warehouse	30	\$8.50
Helpers, Mechanics & Repairers	20	\$9.00	Teacher Aides, Paraprofessional	120	\$7.90 *
Hosts/Hostesses: Restaurant, Lounge	20	\$7.00	Truck Drivers, Heavy	50	\$13.90
Hotel/Motel/Resort Desk Clerks	20	\$7.30 *	Truck Drivers, Light	60	\$9.70
Interview Clerks, Excl Personnel	30	\$8.40 *	Waiters & Waitresses	170	\$6.20
Janitors & Cleaners	70	\$8.00			

Source: Utah Department of Workforce Services; Economic and Data Analysis.
 Unless noted with (*), wages are for Iron and Washington counties.
 * Statewide wages.

Just because an occupation is in this publication, doesn't mean jobs will be easy to find! Here we cover only the "demand" for occupations. The other side of the equation is the **supply** of workers wanting to work in that occupation.

Unfortunately, there's not much supply data.



do your homework!



do your homework!



on the net. . .

- ✓ wi.dws.state.ut.us —Utah Labor Market Information
- ✓ www.bls.gov/ —Bureau of Labor Statistics
- ✓ www.bls.gov/ocohome.htm —Occupational Outlook Handbook
- ✓ www.ajb.org/ut/ —Utah's Job Bank
- ✓ www.dws.state.ut.us/Job_board/default.asp —Utah's Electronic Bulletin Board
- ✓ firmfind.dws.state.ut.us/pgMain.asp —Lists of Utah Companies

supply-side economics

An occupation may create hundreds of new openings every year. But, if thousands of workers are qualified for those positions, lots of workers won't find work in that field.

In other words, look at the *supply* of labor for a particular occupation—not just the *demand*. We do have some figures on the number of people completing certain

programs at public institutions. However, that excludes many, many qualified workers.

So, you'll have to do your homework! Check with people already employed in the occupation and employers who hire that occupation to determine whether there is an over- or under- supply of workers.

Utah Jobs Where "Supply" May be Larger than "Demand"

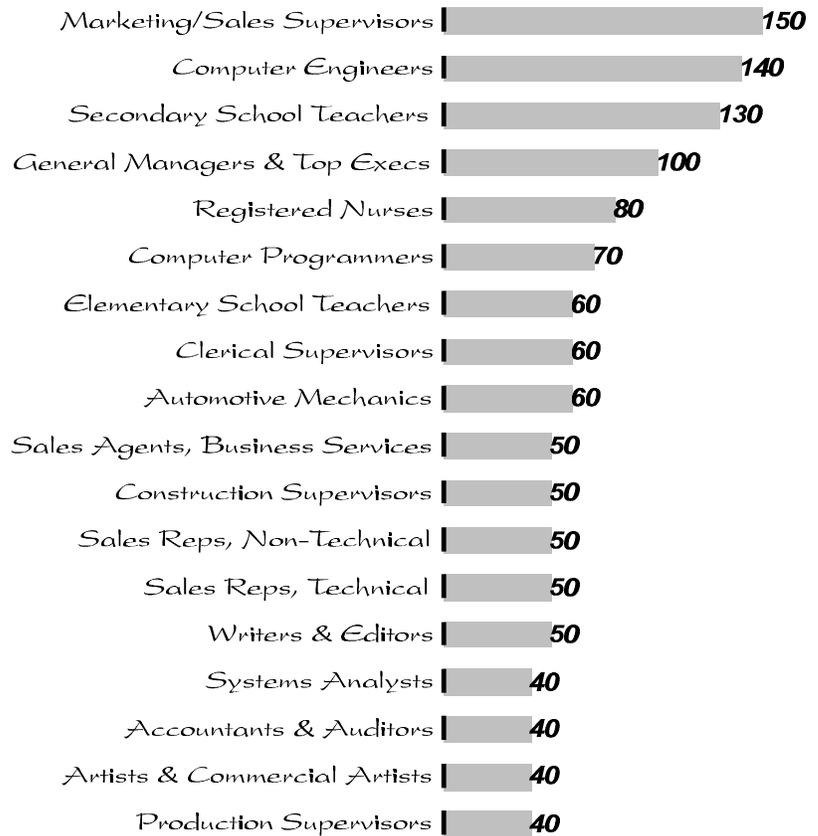
- ✓ Accountants
- ✓ Cosmetologists
- ✓ Drafters
- ✓ Sports Instructors/Coaches
- ✓ Management Analysts
- ✓ Marketing/Advertising Manager
- ✓ Psychologists
- ✓ Public Relations Specialists
- ✓ Recreation Workers
- ✓ Elementary Teachers
- ✓ Writers/Editors



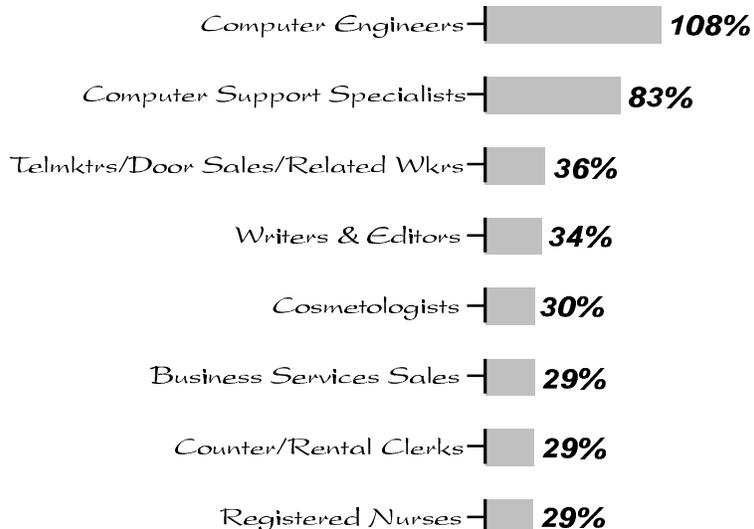
Remember, don't be tricked by our list of "fastest growing" occupations. Other jobs may have many more openings!



Utah/Summit/Wasatch Occupations with Most New Openings and Higher Pay



Fastest Growing Utah/Summit/Wasatch Occupations with at Least 50 Openings



use your head!

X Employment growth in the Mountainland region should outpace the statewide average.

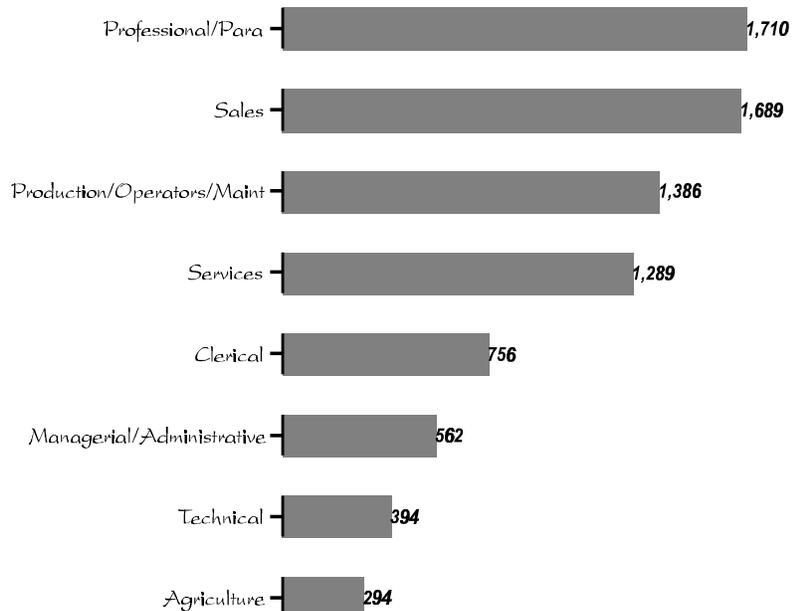
X Occupations requiring short-term, on-the-job training should generate the most jobs.

X Did you expect that a Bachelor's Degree or higher would have the next highest job openings?

X Some of the fastest-growing occupations are computer-related positions, **and** they pay well.

X Professional and para-professional occupations, coupled with sales positions, account for 42 percent of annual job openings.

Utah/Summit/Wasatch 2000-2005 Annual Job Openings by Major Occupational Category



Our Mission

The mission of the Utah Department of Workforce Services is to provide accessible, and comprehensive employment-related and supportive services responsive to the needs of employers, job seekers, and the community.

All the information in this publication was produced by the Utah Department of Workforce Services.



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